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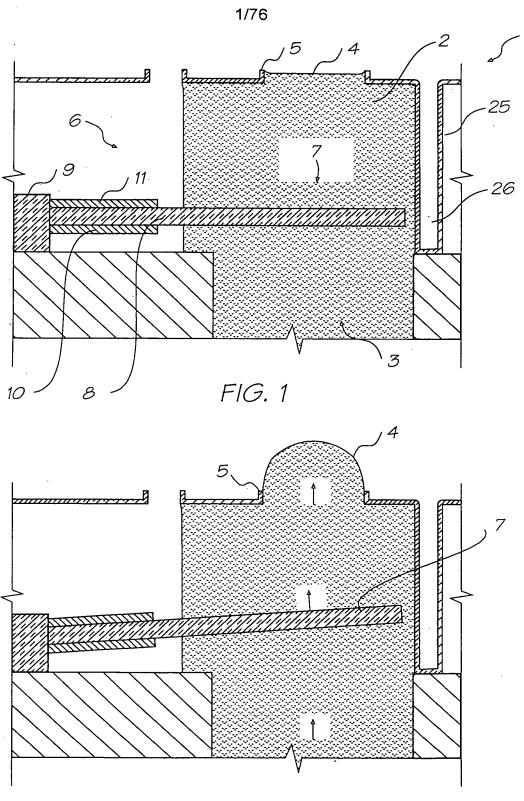
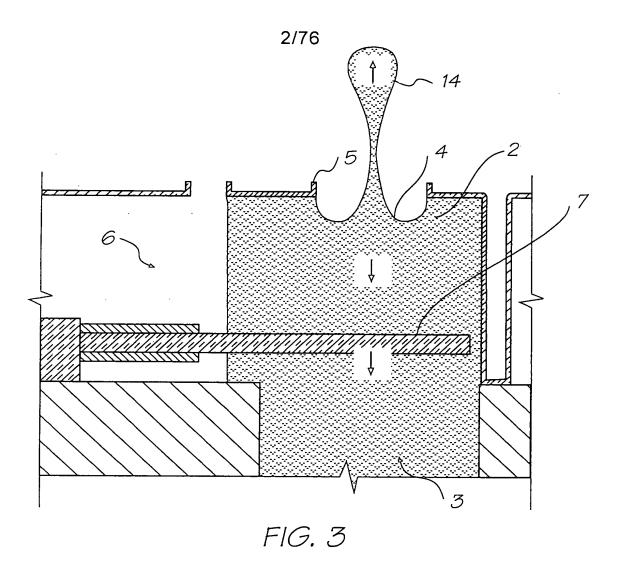
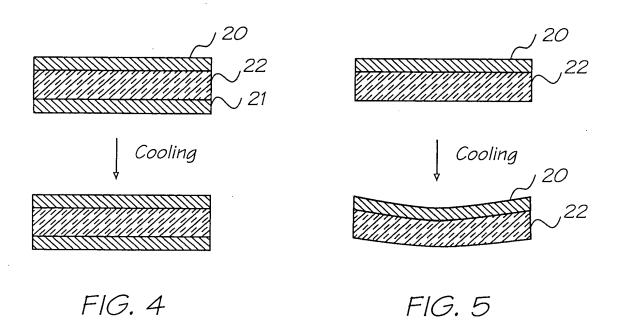


FIG. 2





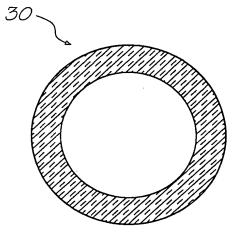


FIG. 6

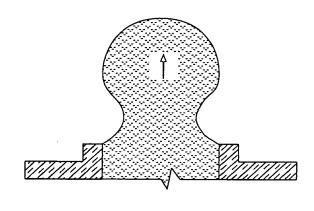


FIG. 7

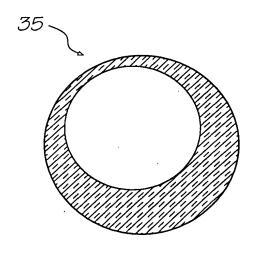


FIG. 8

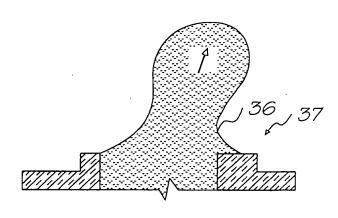
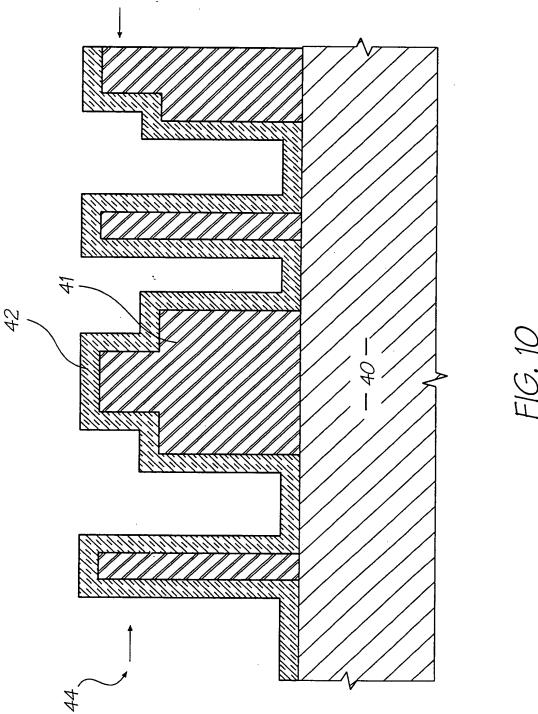
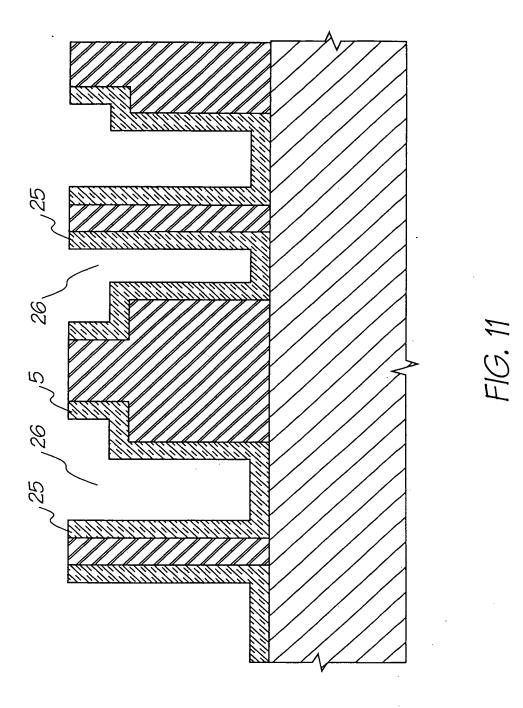


FIG. 9





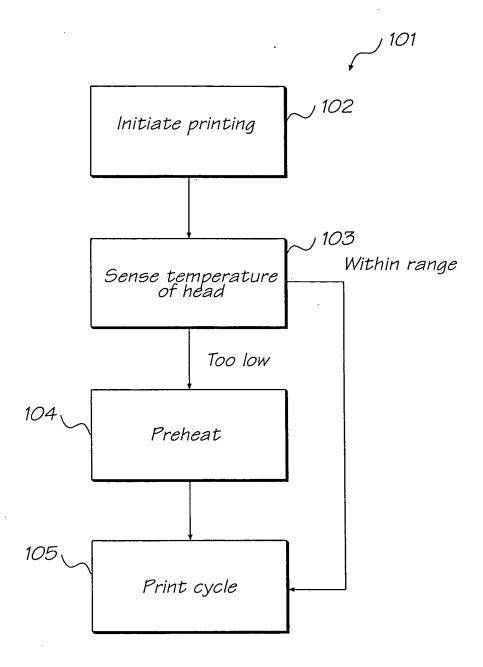
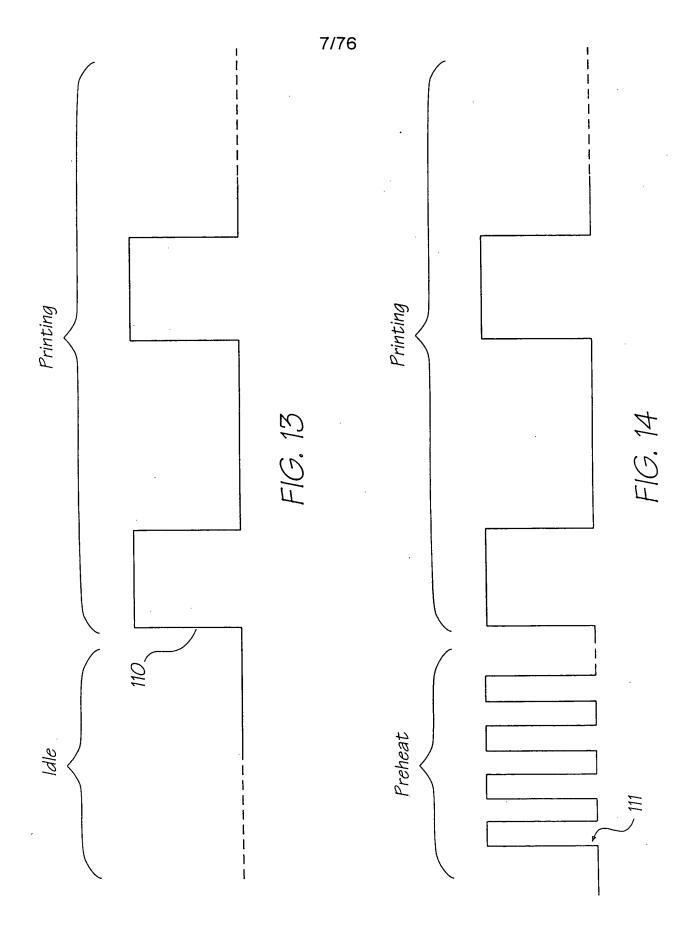
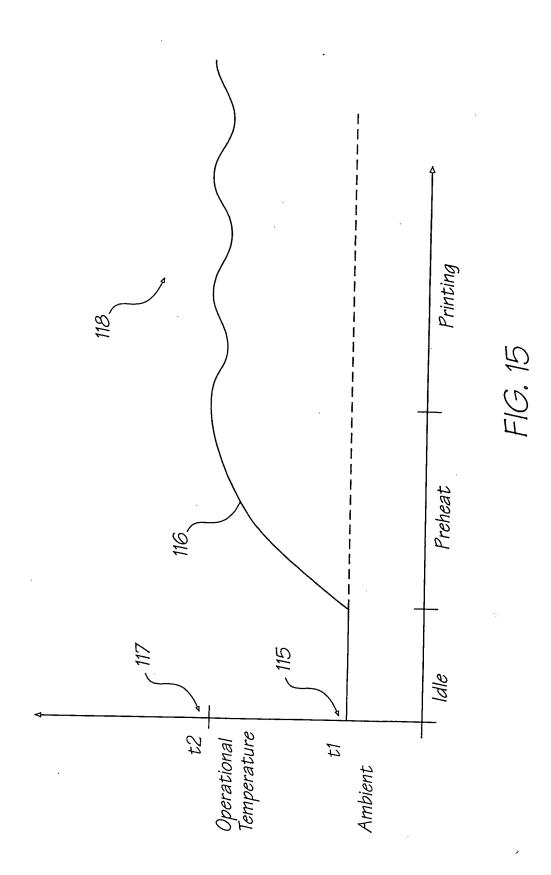
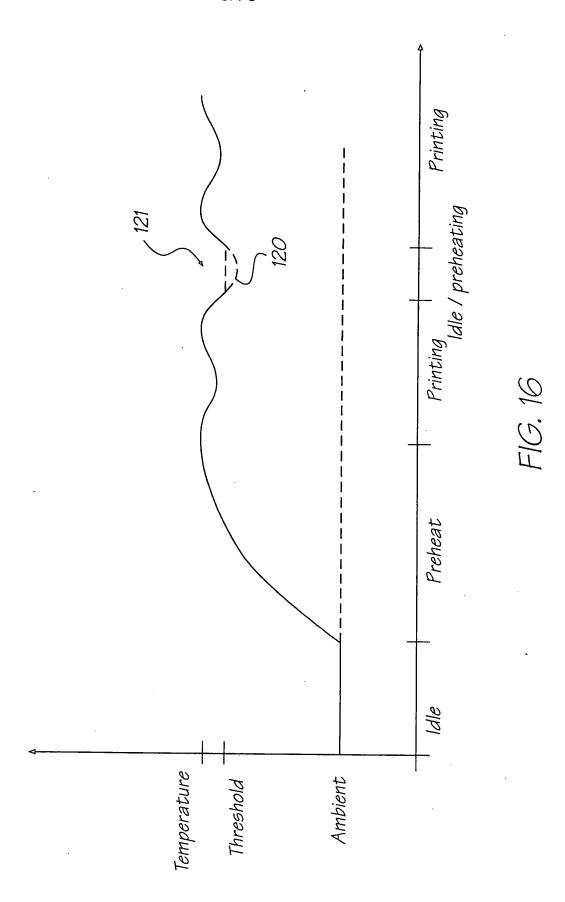


FIG. 12







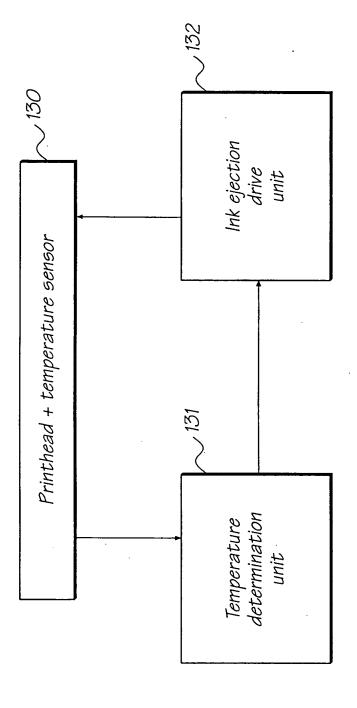
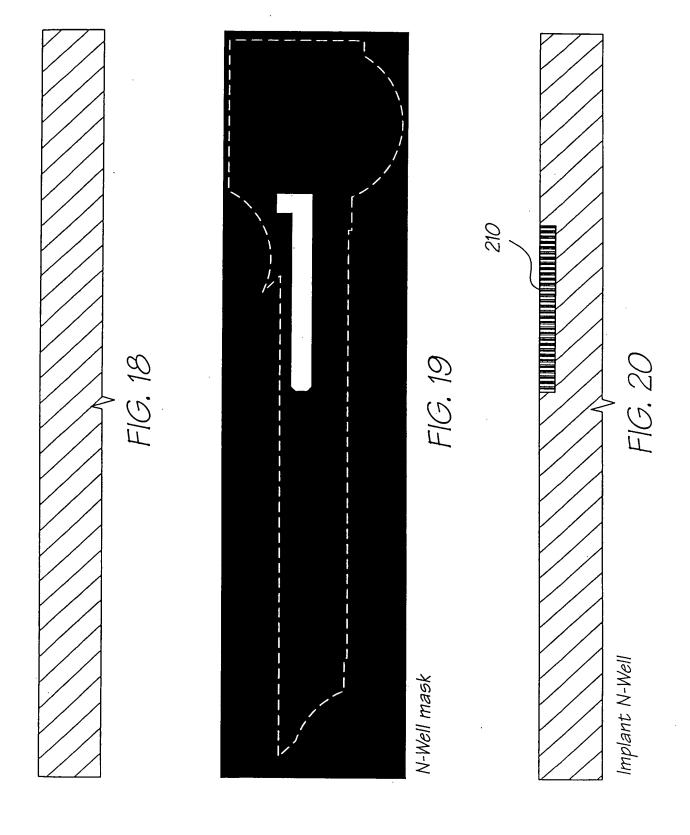


FIG. 17



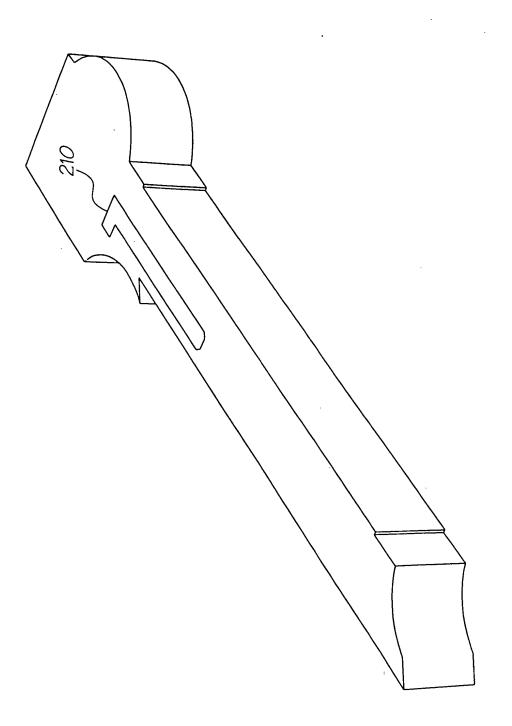
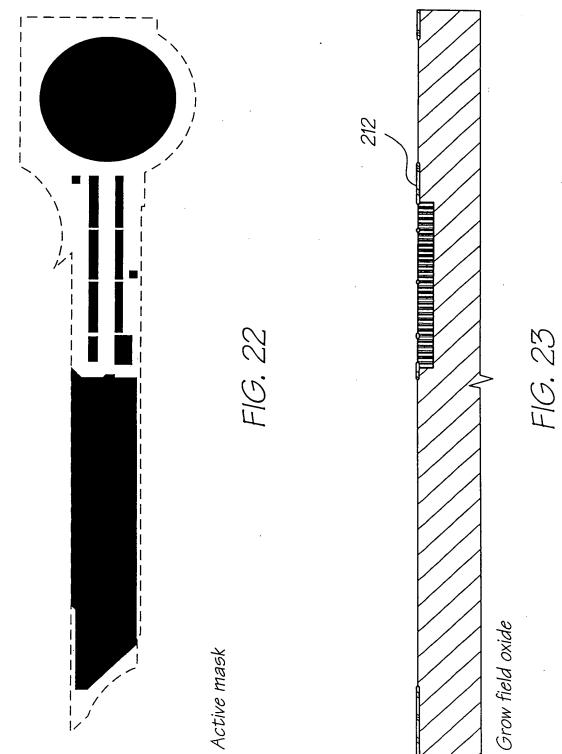


FIG. 21



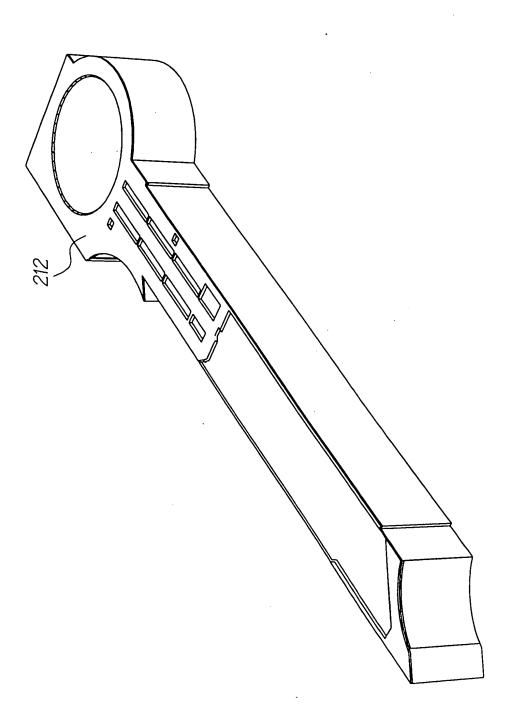
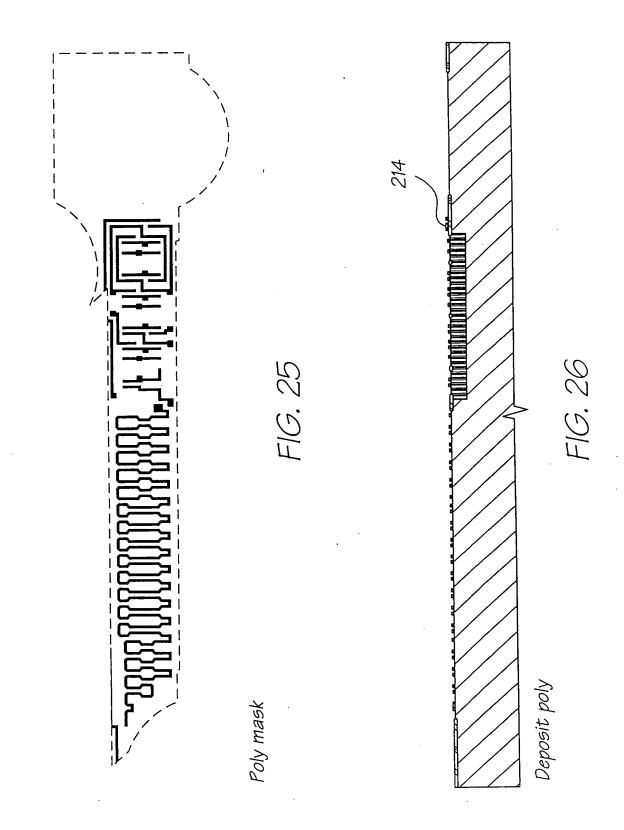


FIG. 24



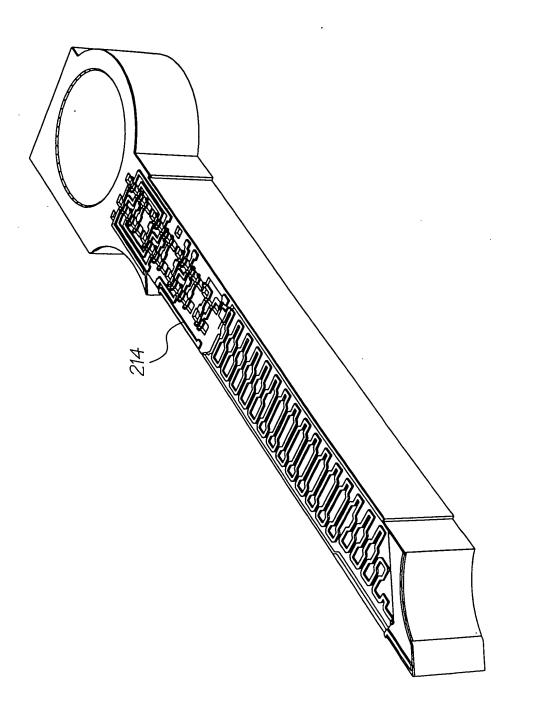
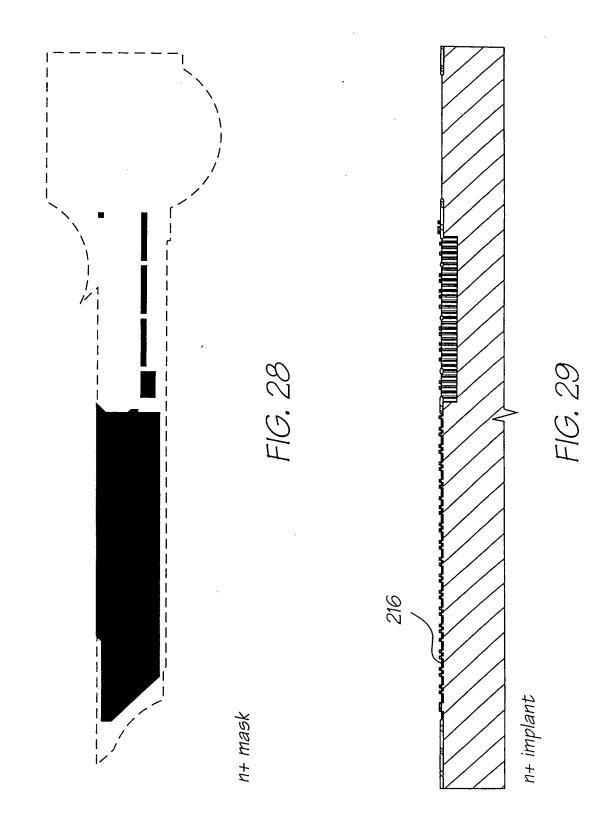


FIG. 27



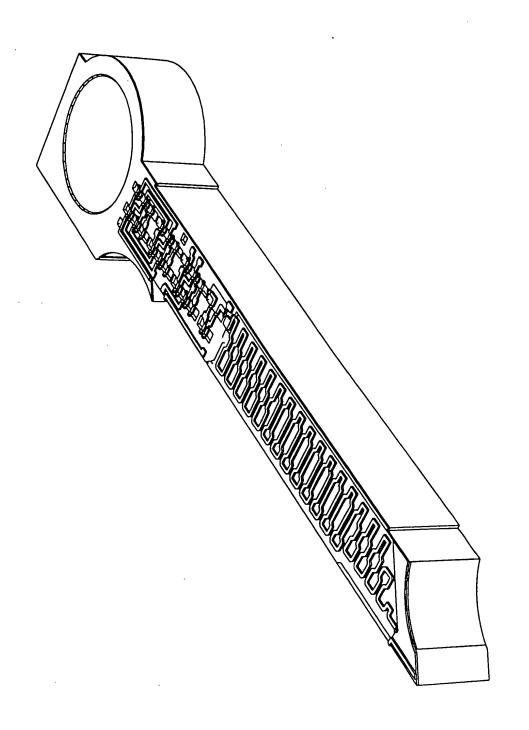
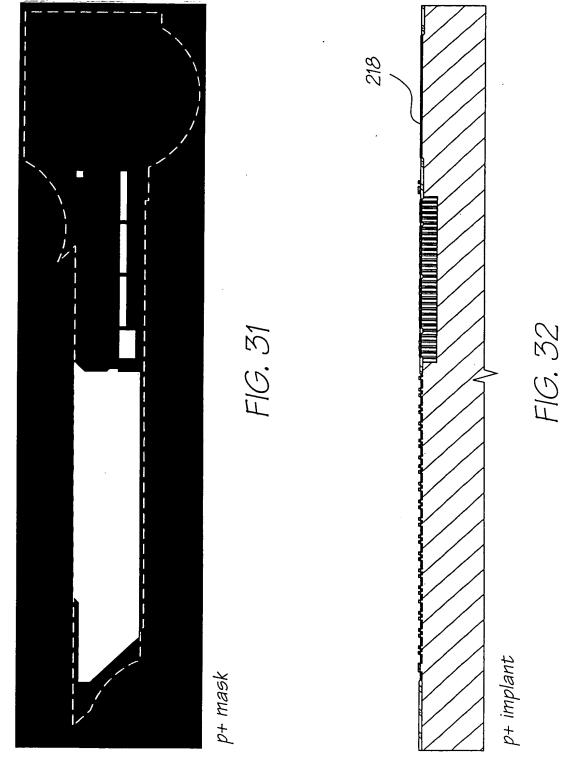


FIG. 30



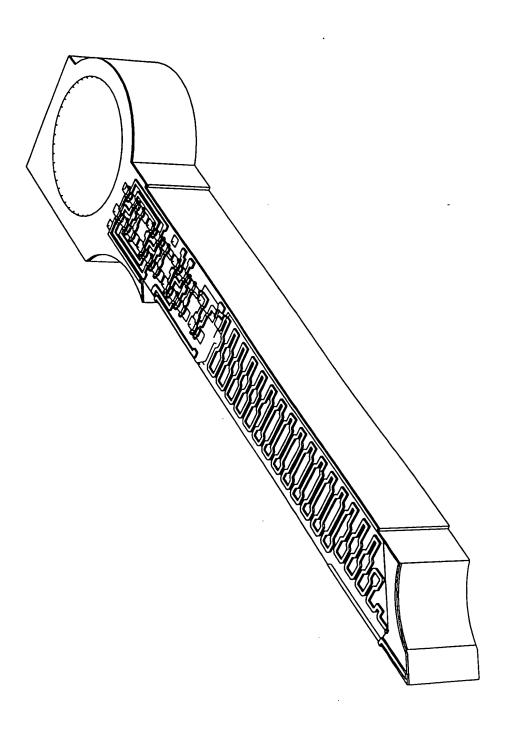
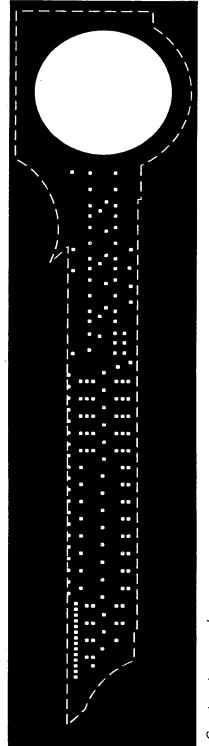
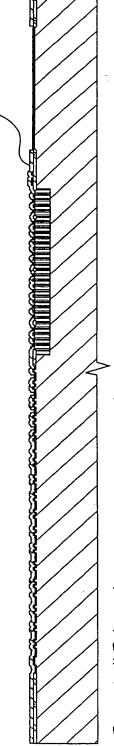


FIG. 33



Contacts mask

FIG. 34



220

Deposit ILD 1, etch contacts

FIG. 35

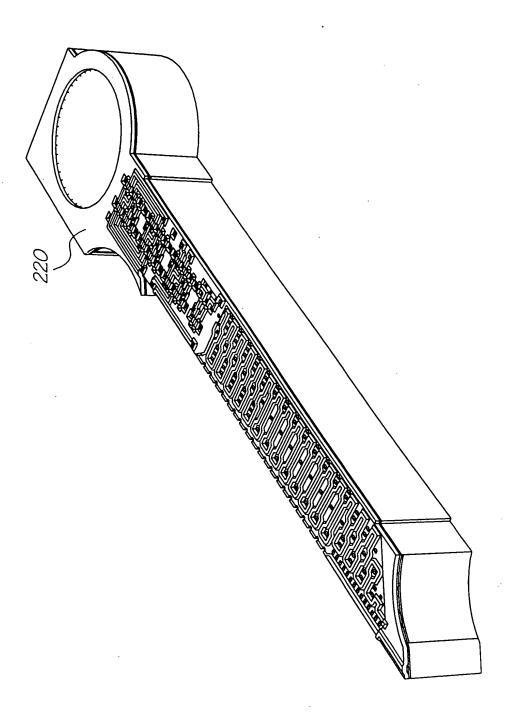
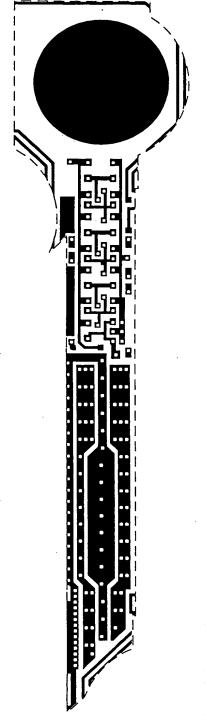
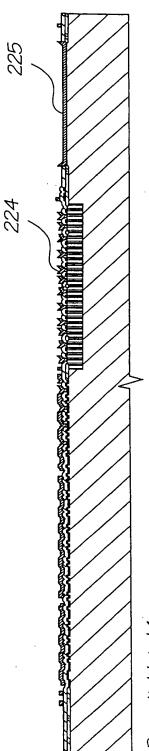


FIG. 30



Metal 1 mask

FIG. 37



Deposit Metal 1

FIG. 38

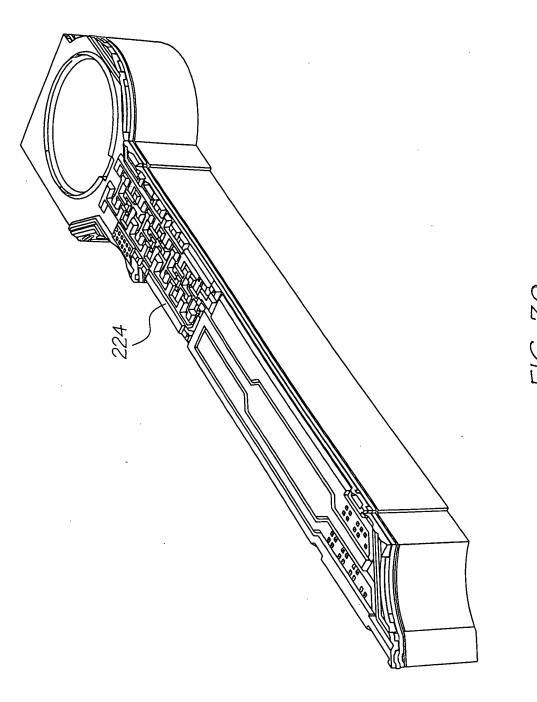
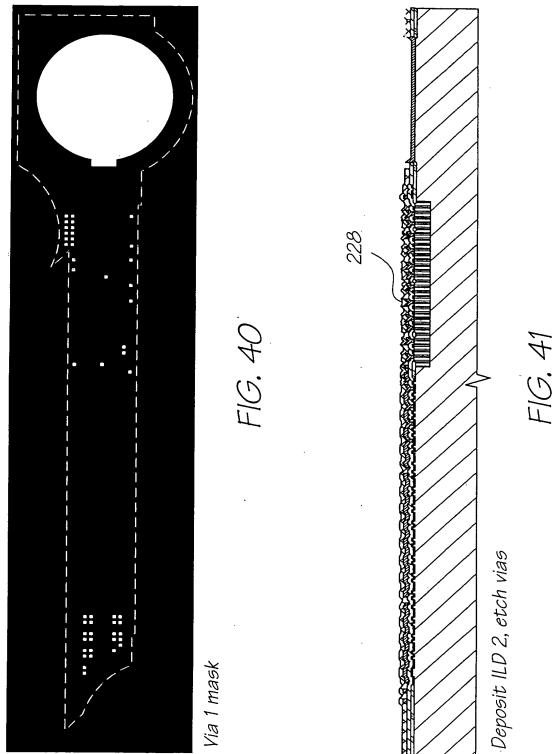
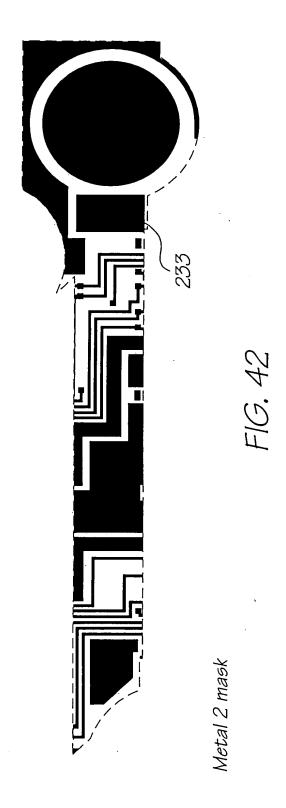


FIG. 03





Deposit metal 2

FIG. 43

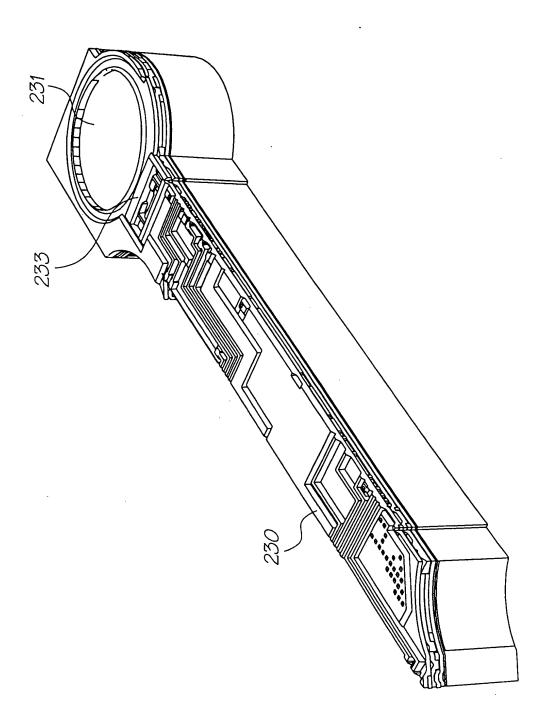
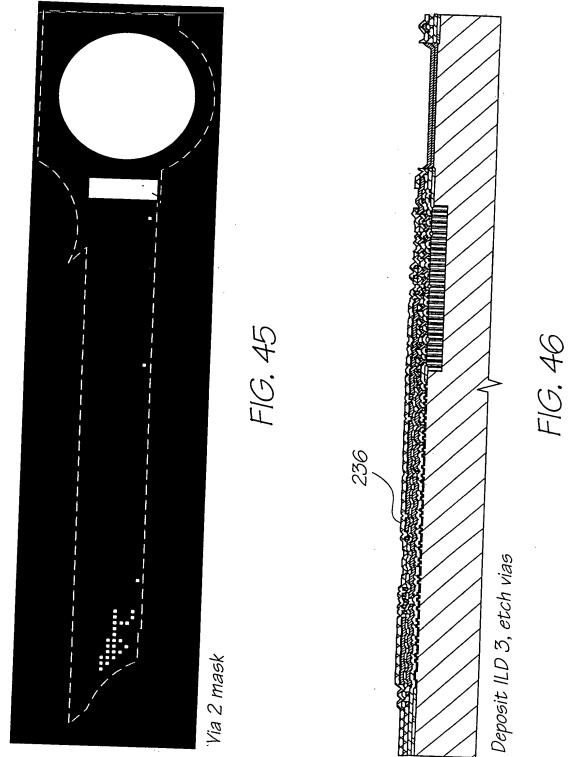
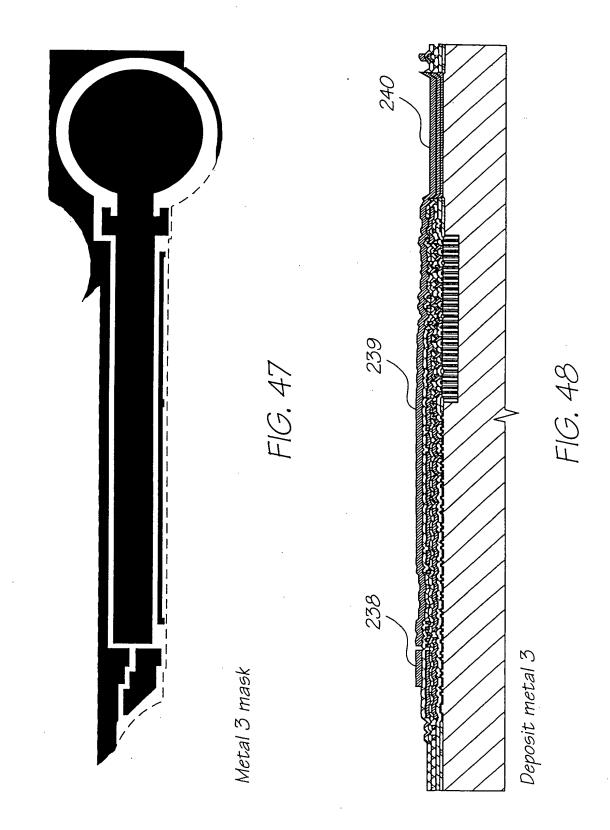


FIG. 44





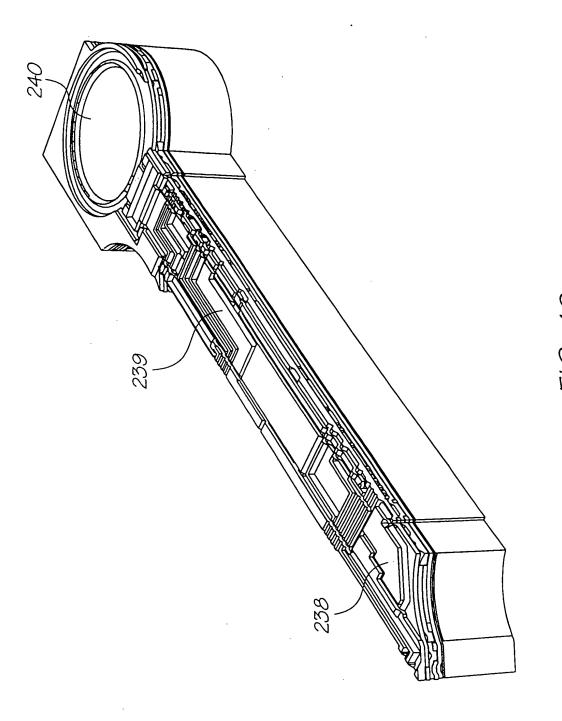
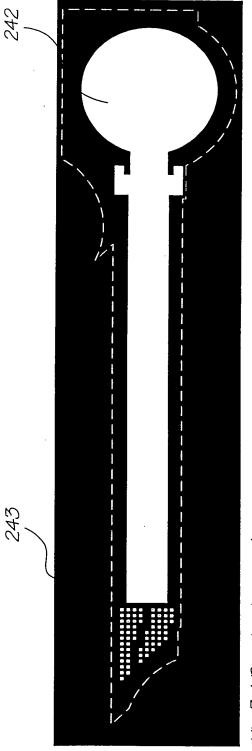
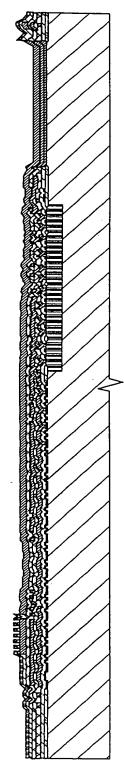


FIG. 49



Via 3 / Passivation mask

FIG. 50



Deposit passivation oxide & nitride, etch vias

FIG. 51

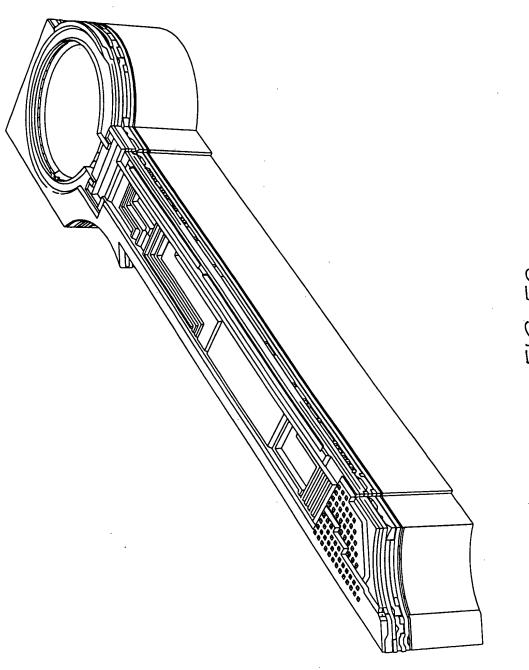
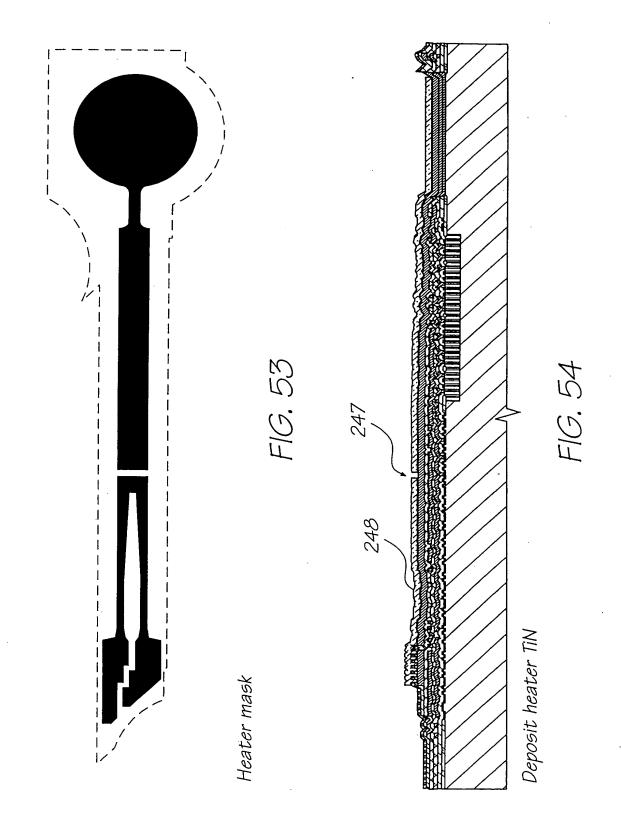
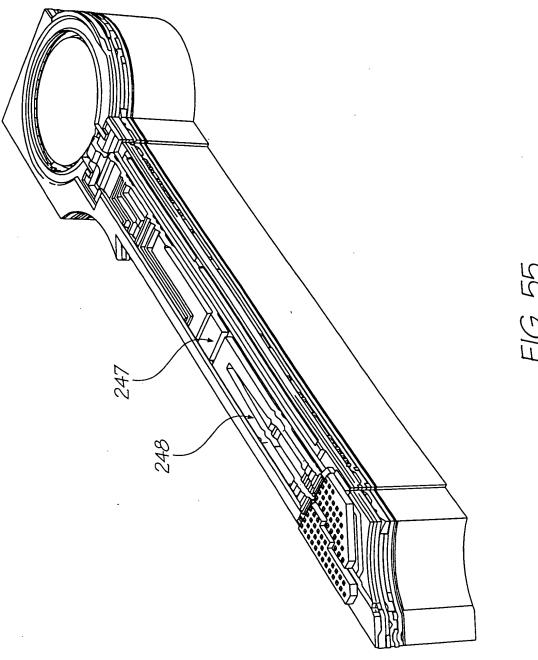
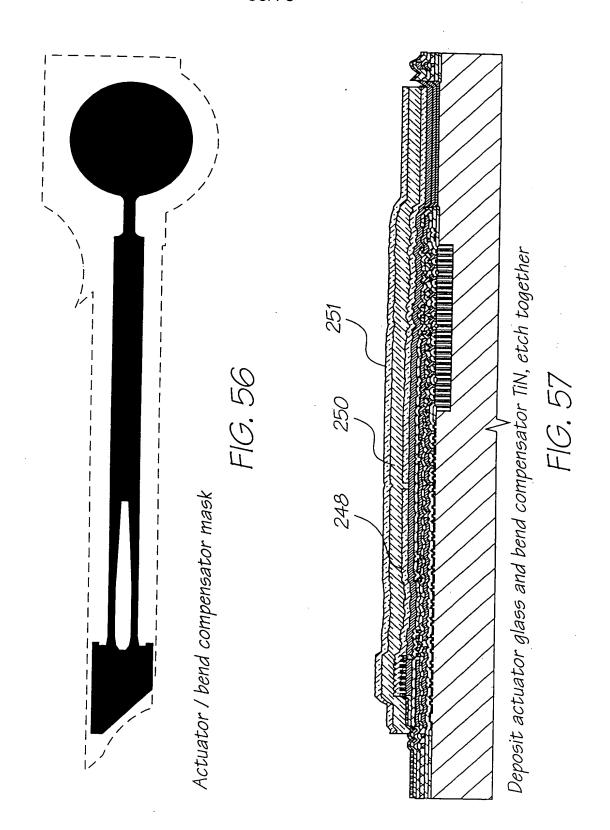
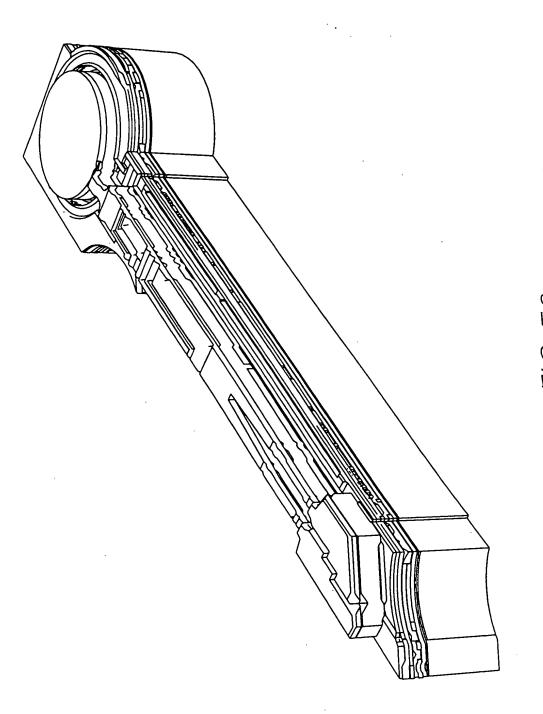


FIG. 52

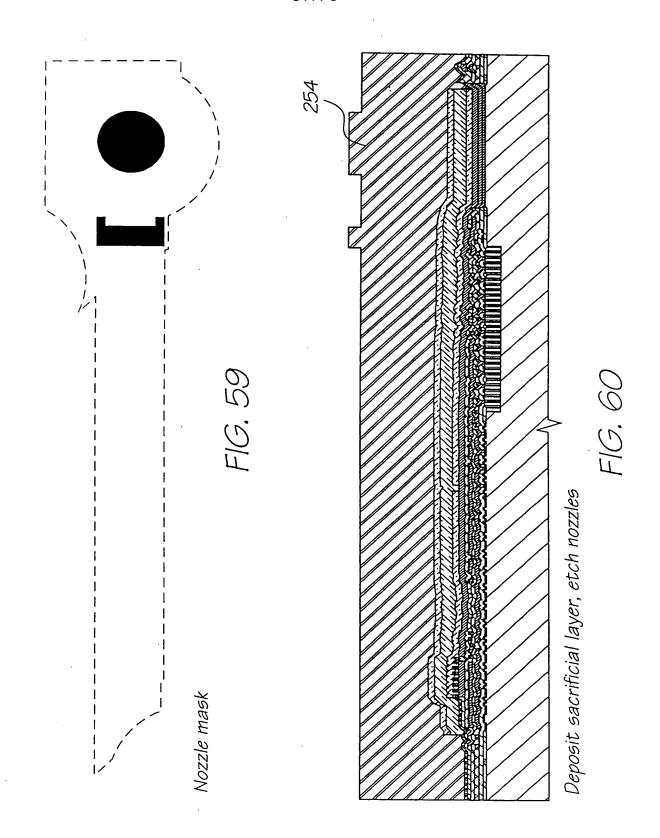


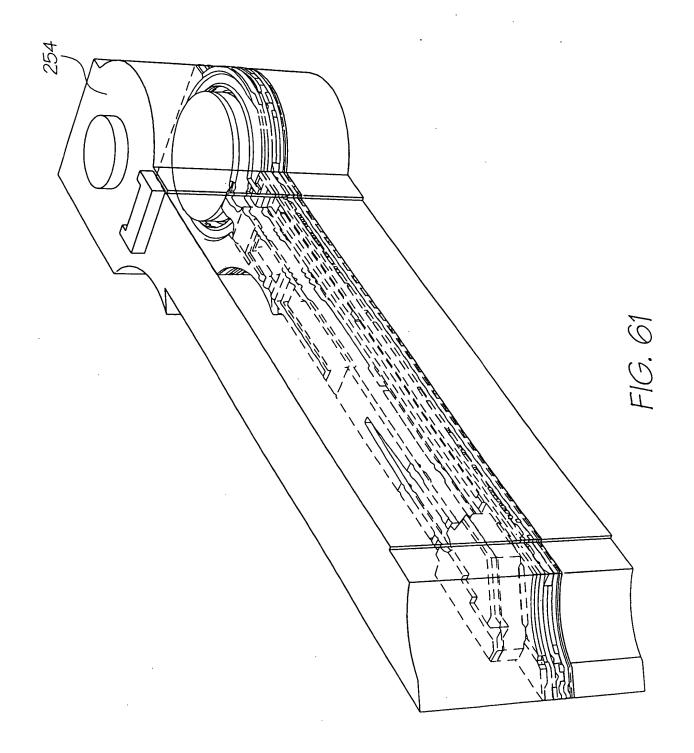


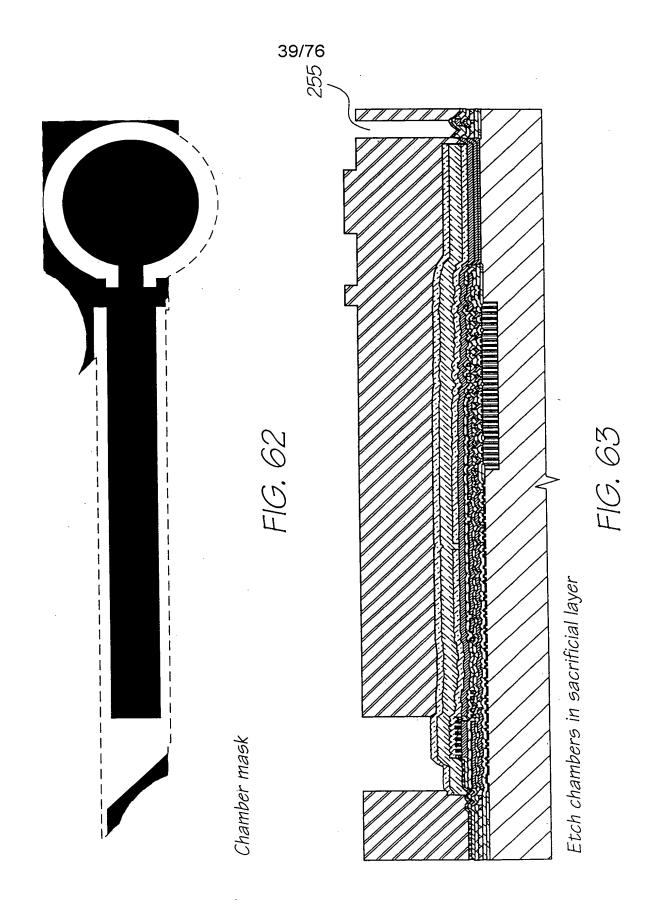


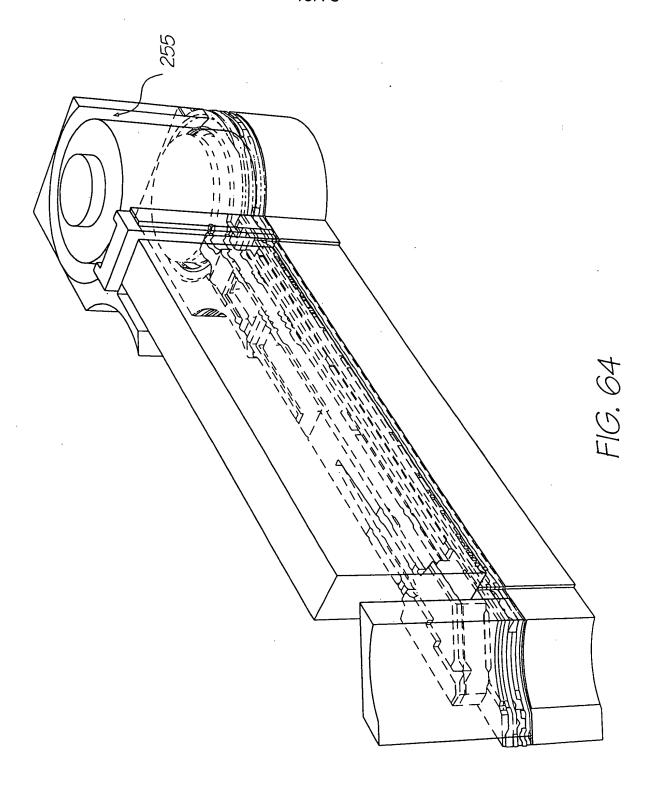


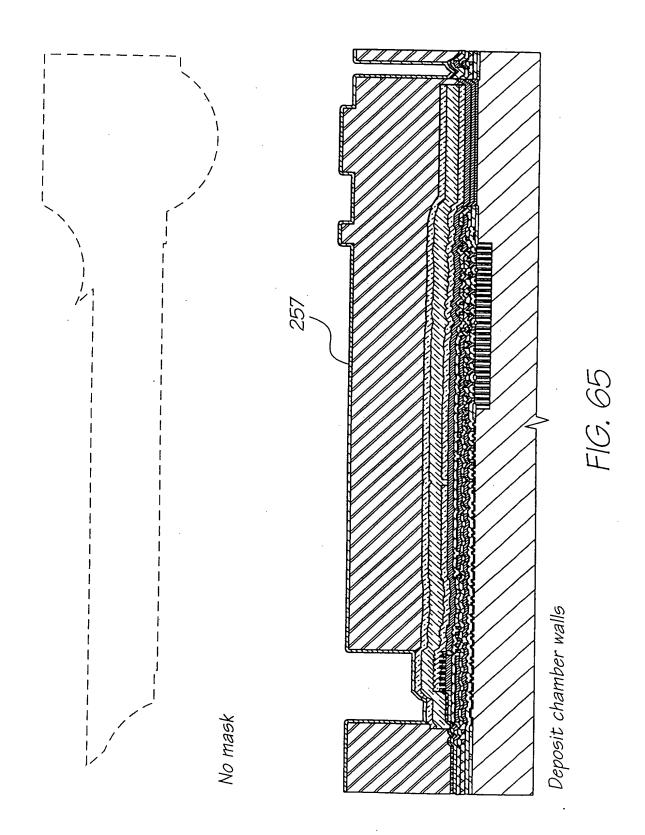
F16.58

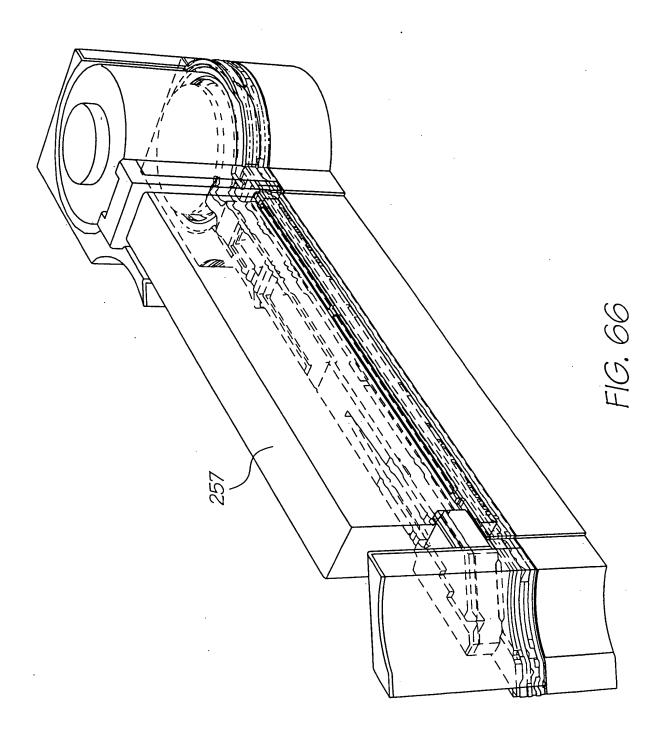


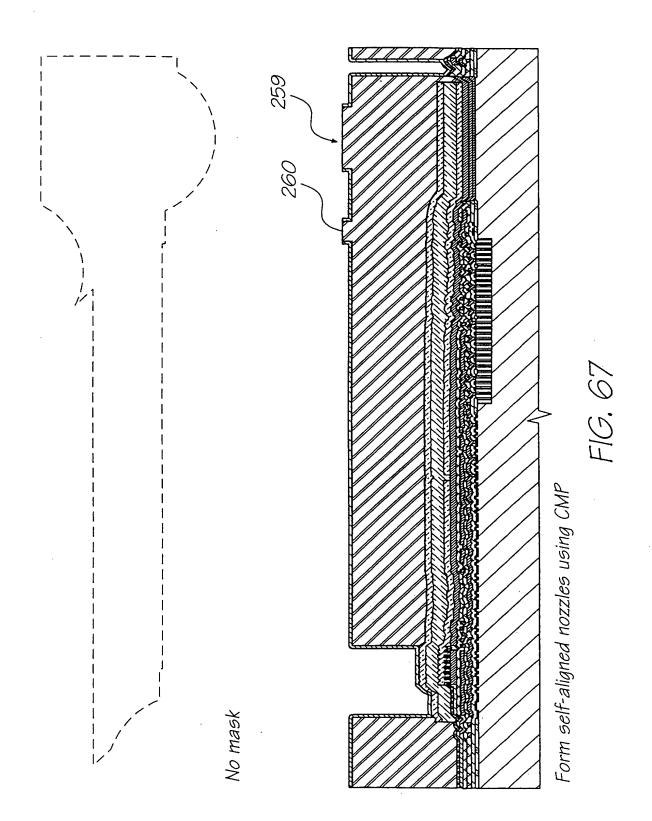


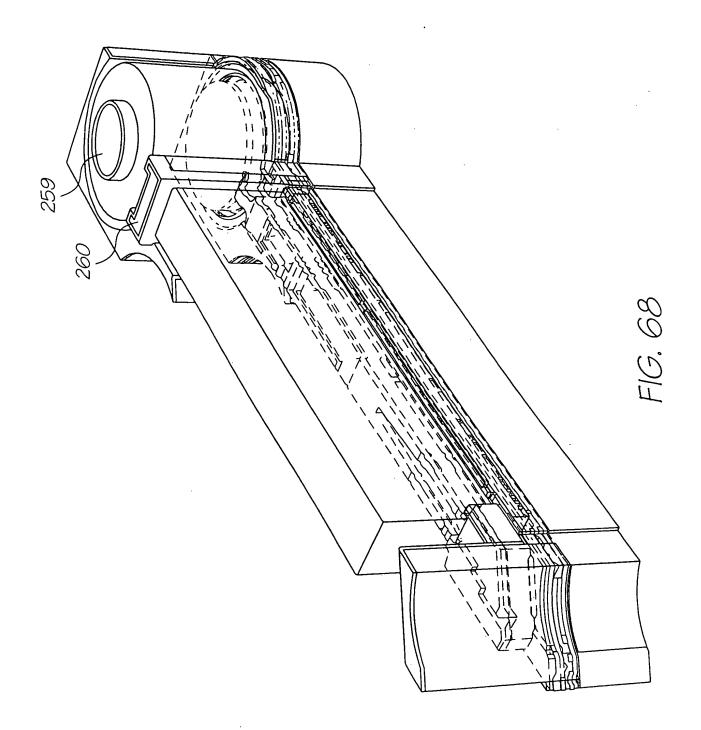


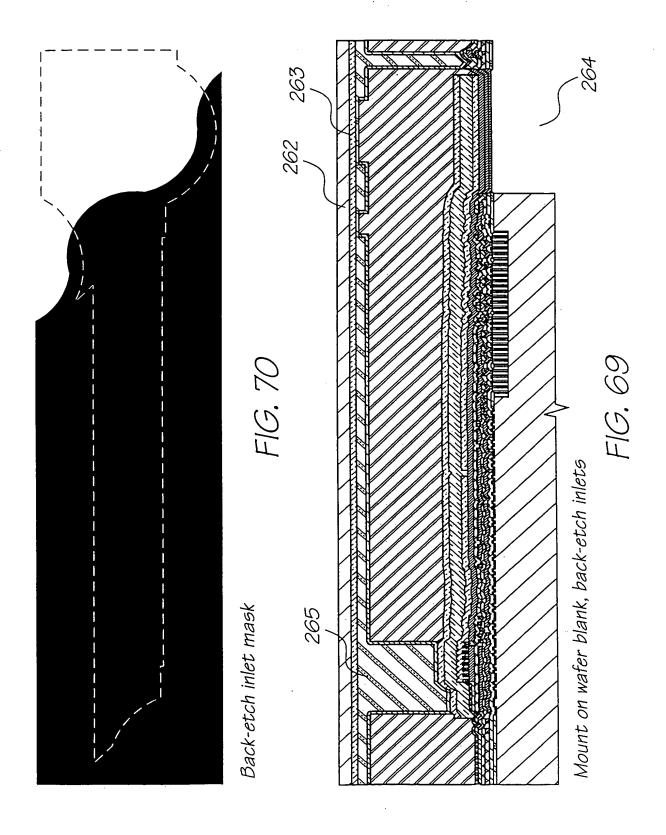


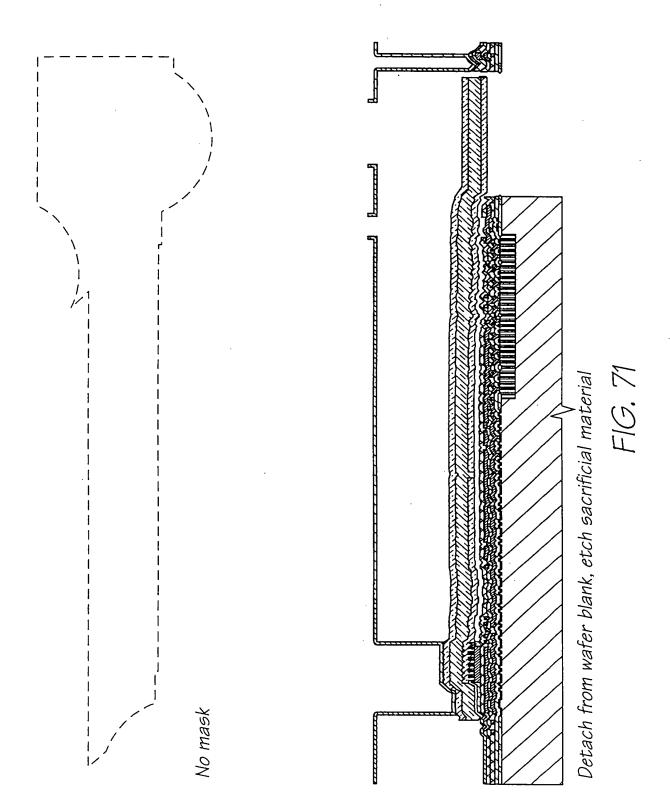


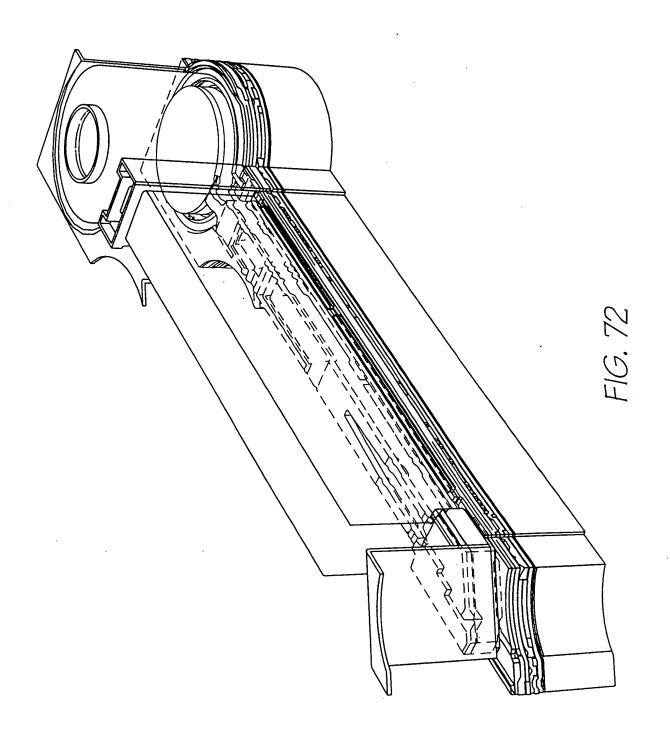


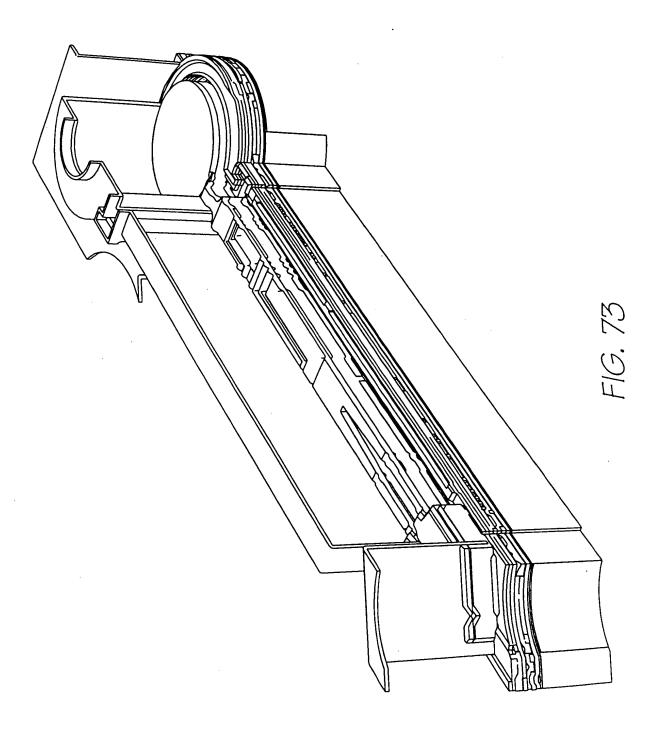


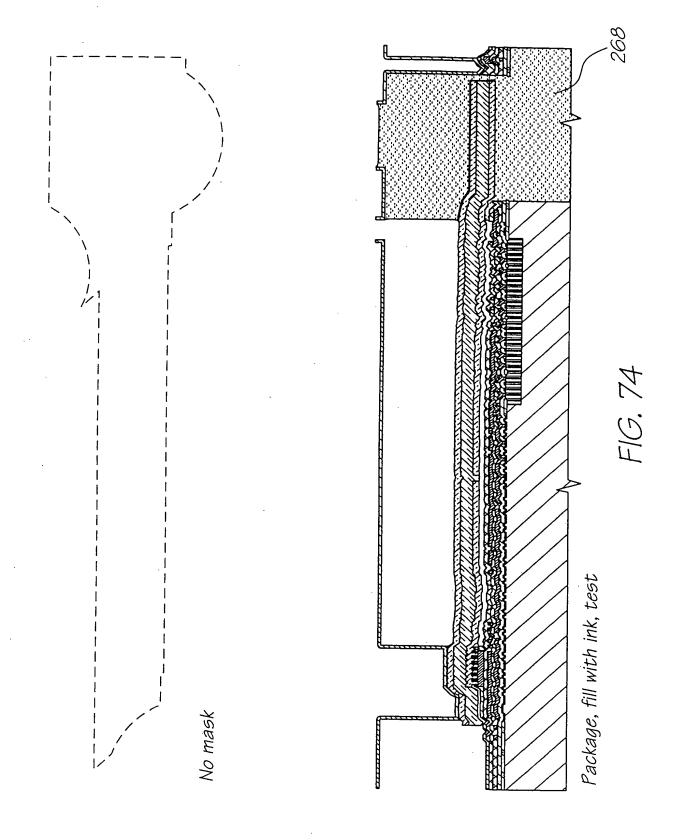


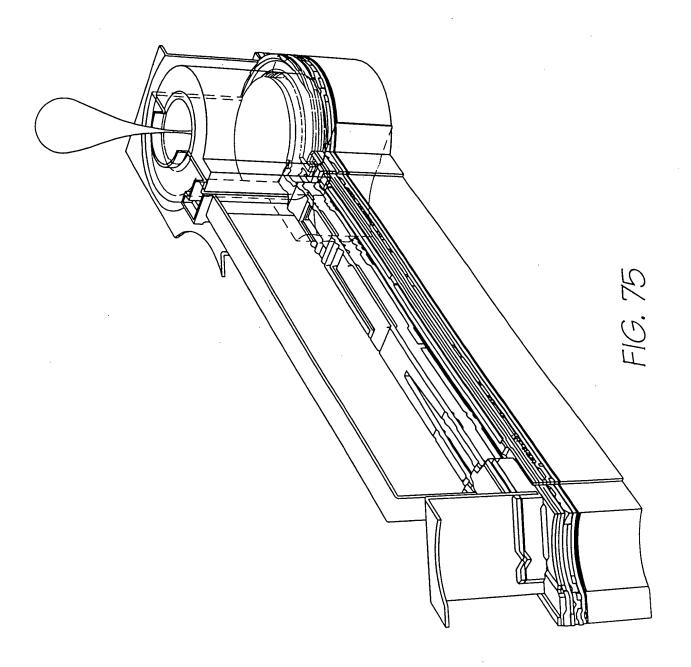


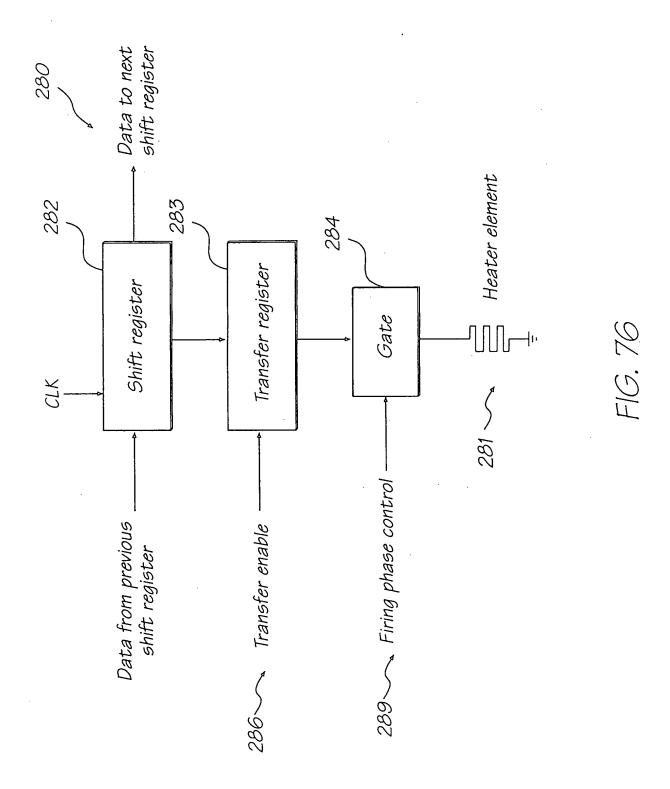












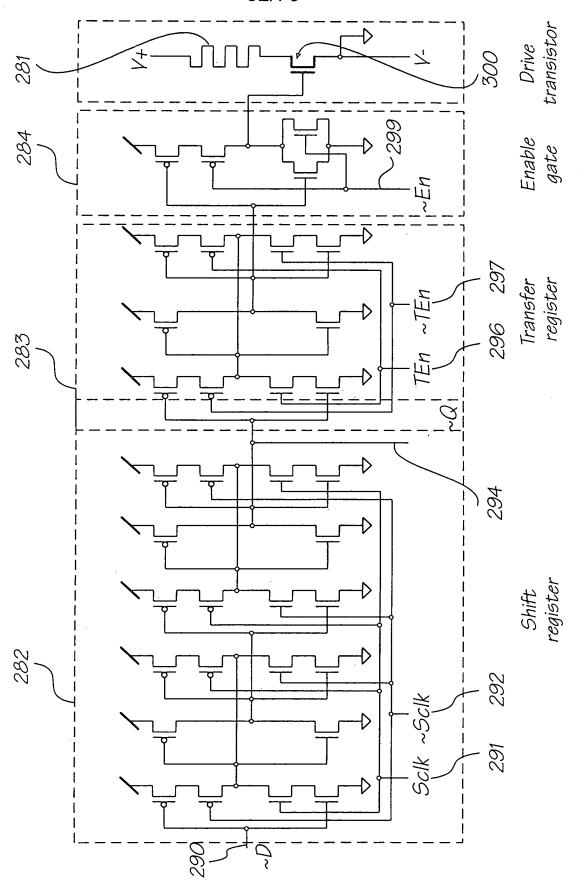


FIG. 77

FIG. 78

FIG. 79

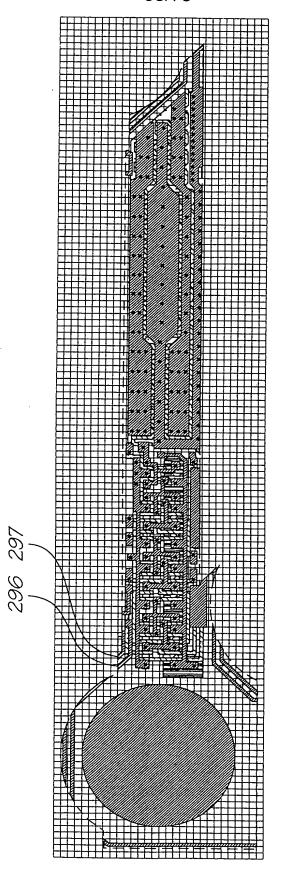


FIG. 80

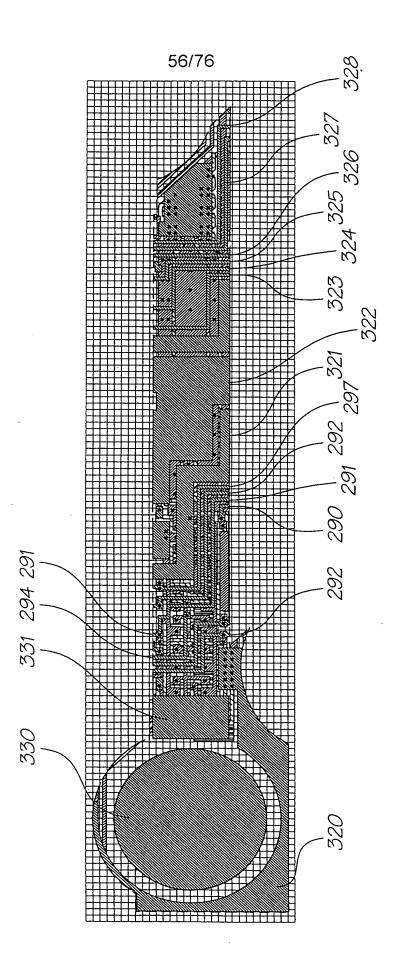
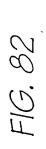
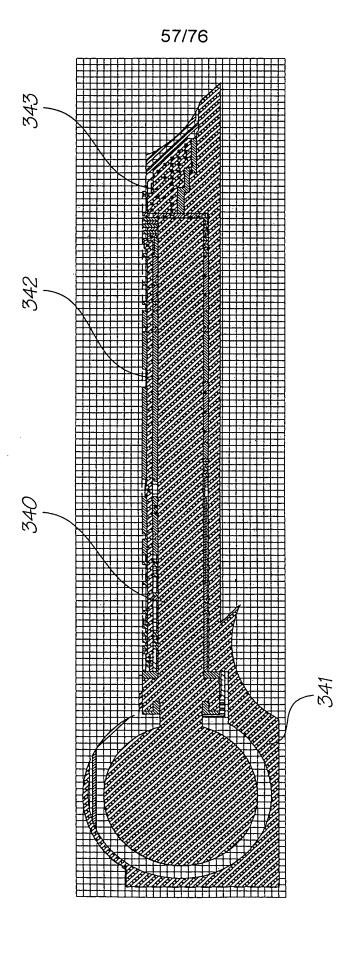
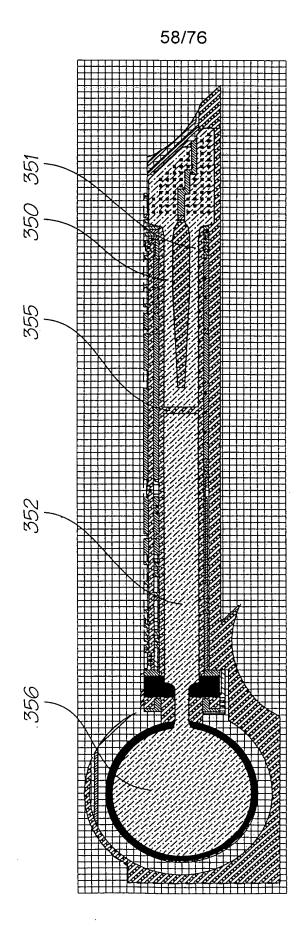
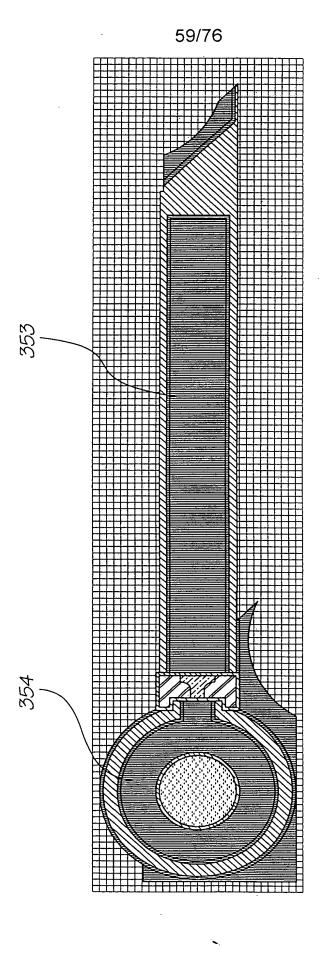


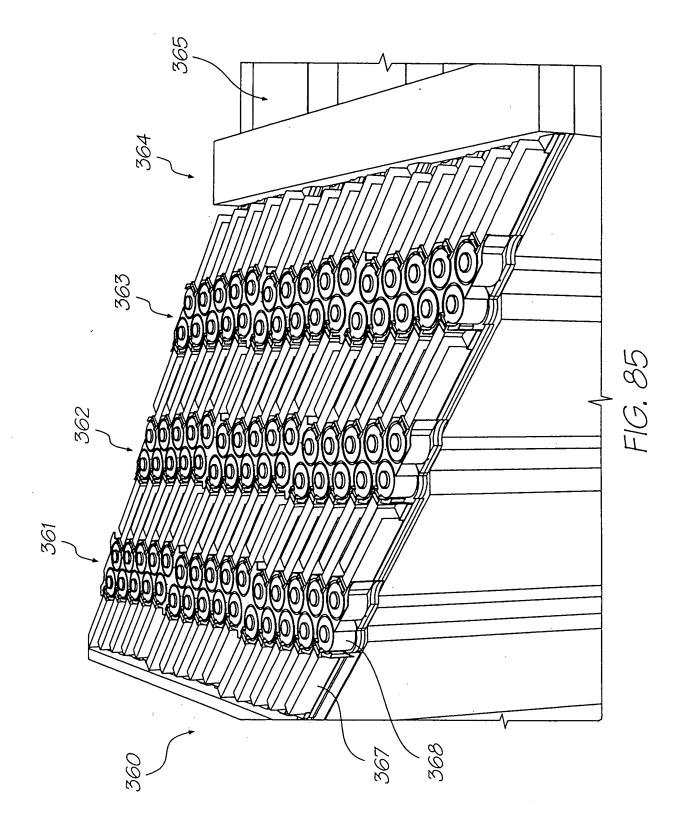
FIG. 81











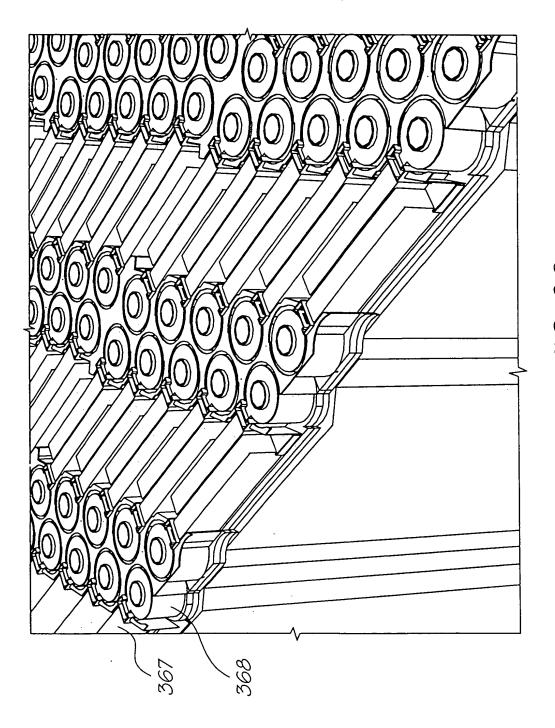


FIG. 86

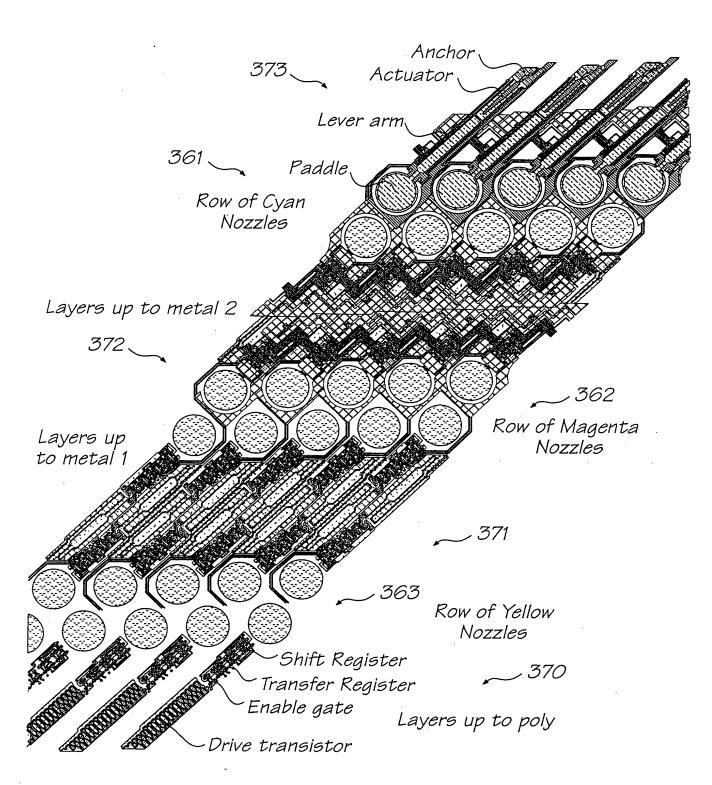
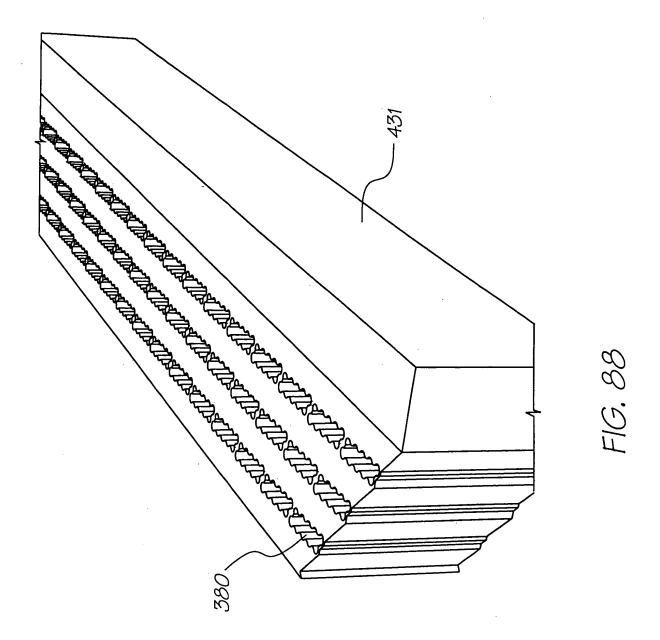
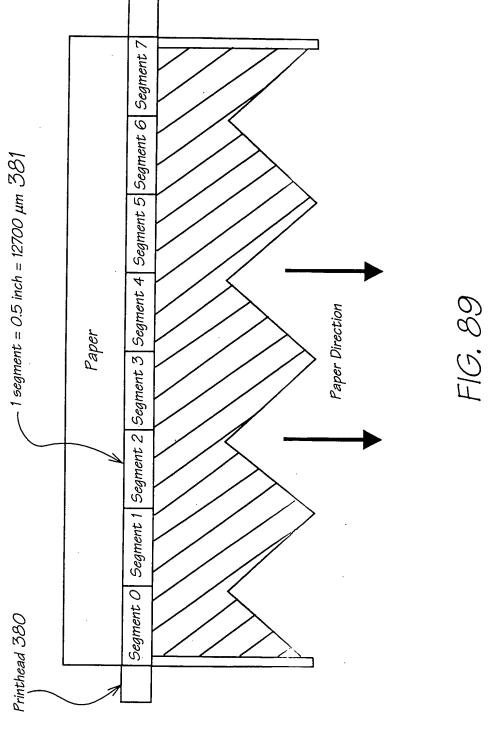
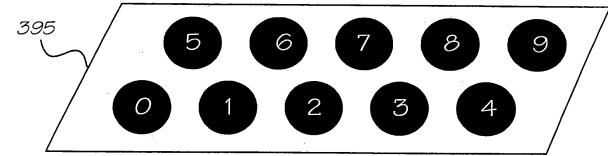


FIG. 87







A single pod, numbered by firing order

Fig. 90

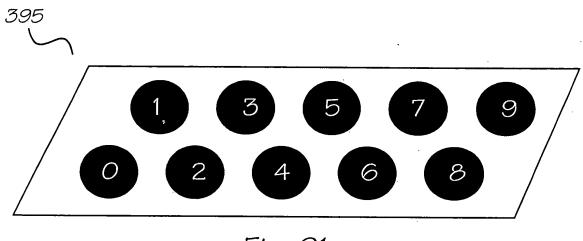


Fig. 91

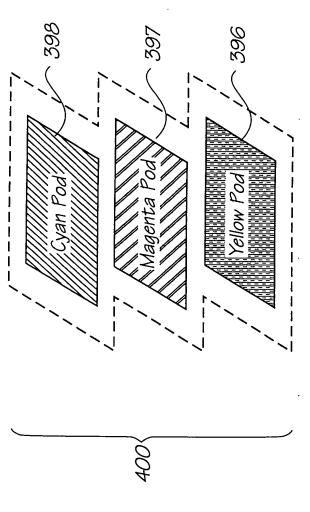


FIG. 92

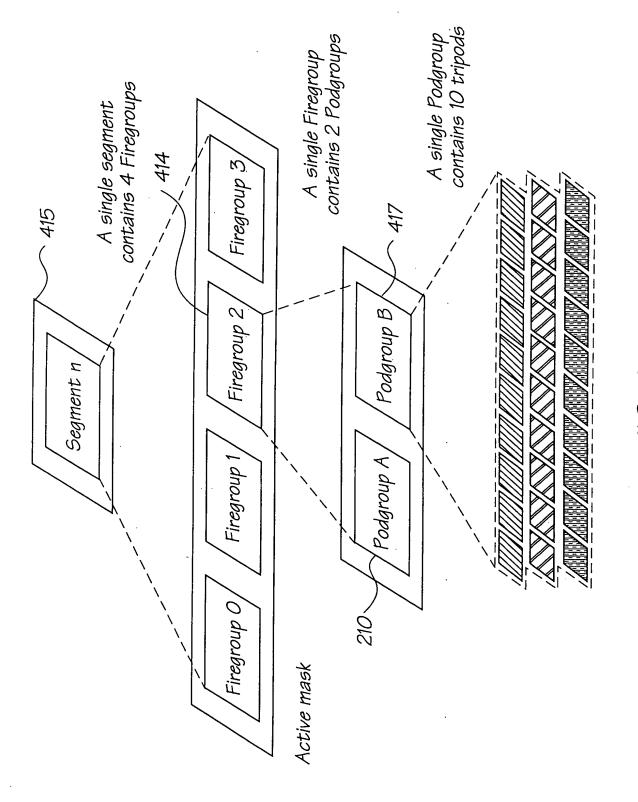


FIG. 94

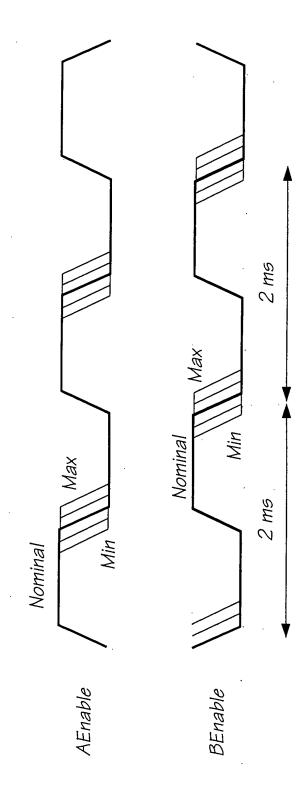
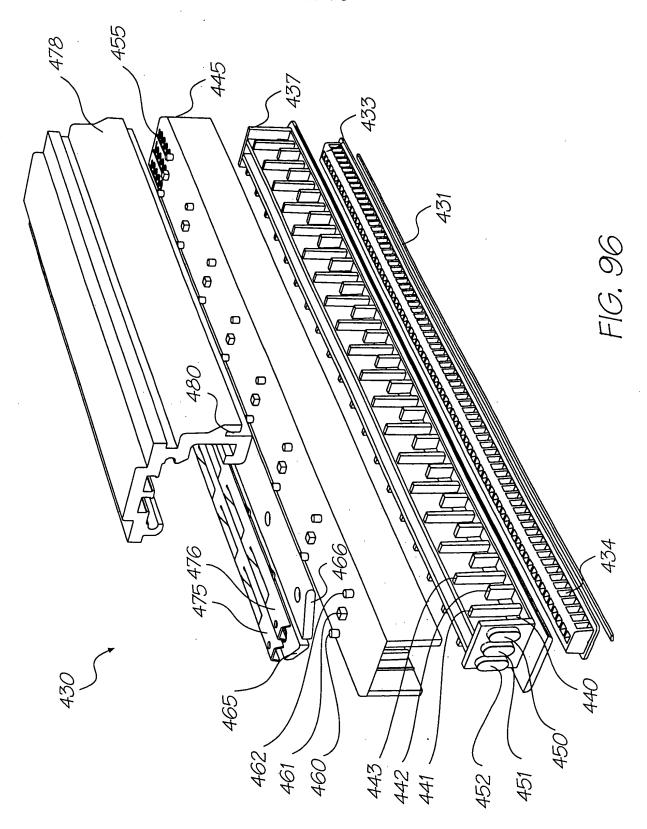
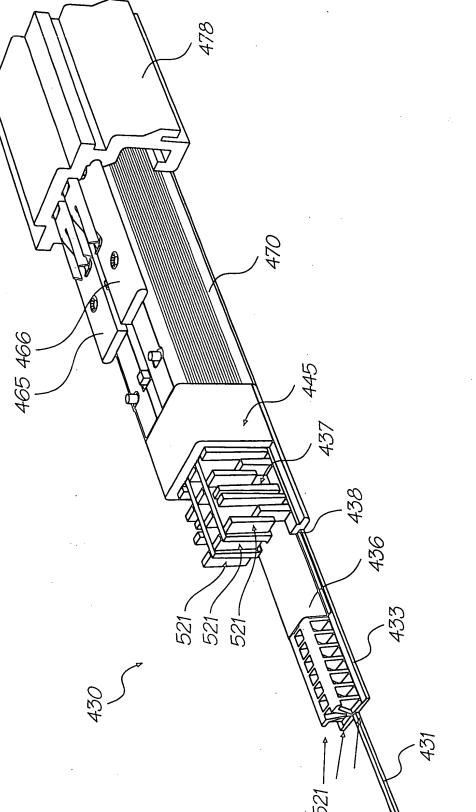


Fig. 95

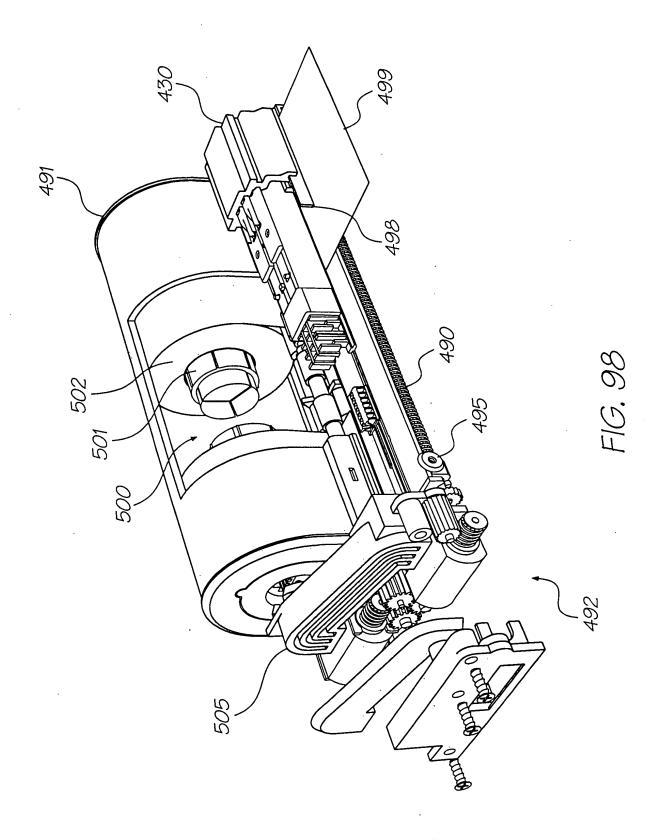
AEnable and BEnable during a Typical Print Cycle





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FIG. 97



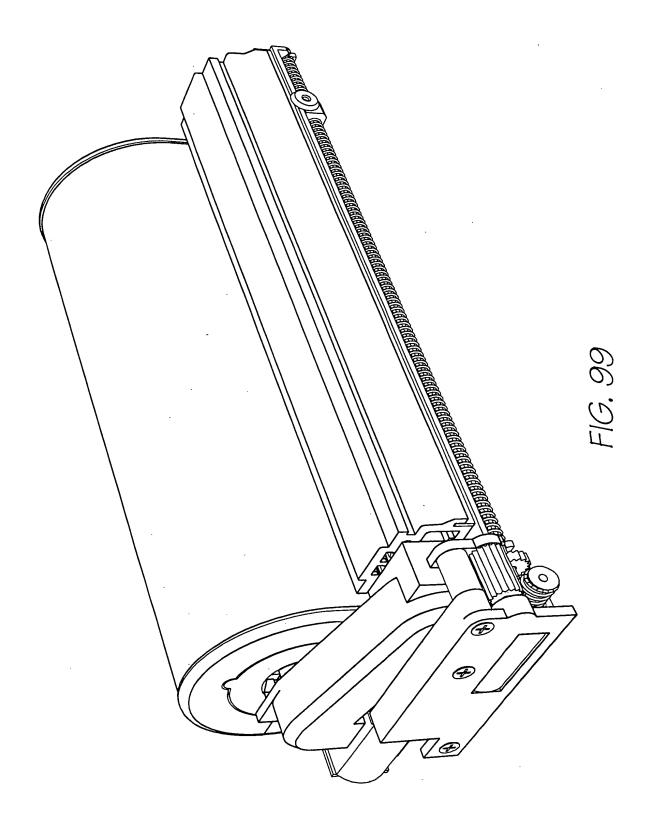
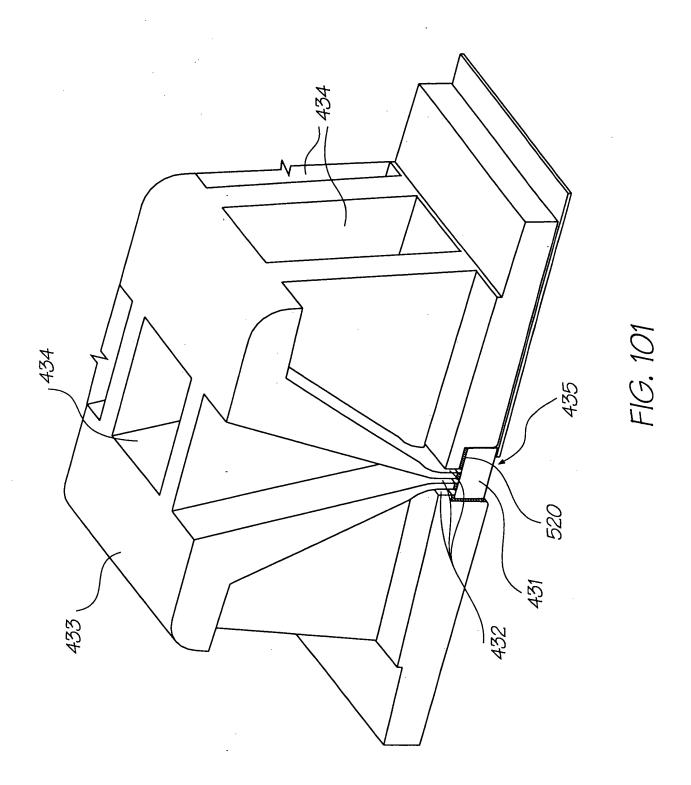


FIG. 100



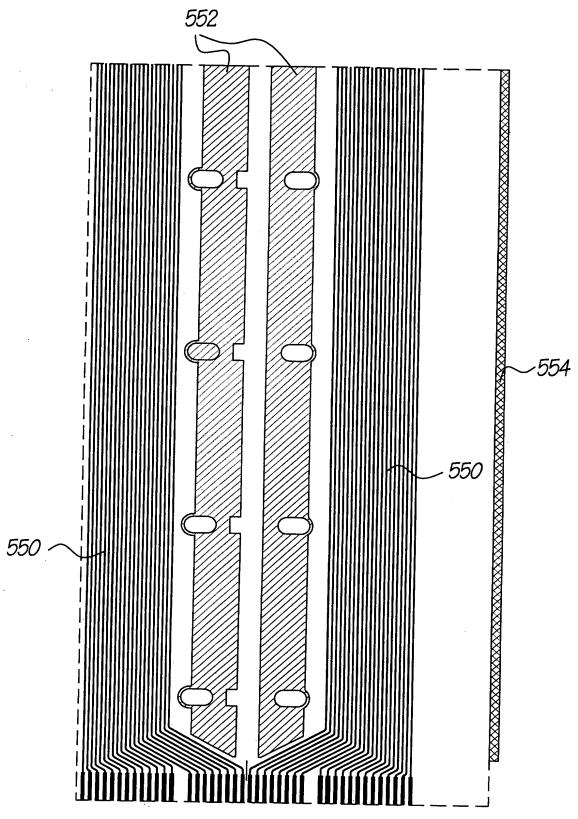


FIG. 102

